

=> FILE REG

FILE 'REGISTRY' ENTERED AT 15:42:55 ON 23 JUL 2008  
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=> DISPLAY HISTORY FULL L1-

FILE 'HCAPLUS' ENTERED AT 11:57:13 ON 23 JUL 2008  
L1 10695 SEA PEDERSEN BJERGAARD ?/AU OR BJERGAARD PEDERSEN ?/AU  
OR PEDERSEN ?/AU OR BJERGAARD ?/AU  
L2 8534 SEA RASMUSSEN ?/AU  
L3 259 SEA L1 AND L2  
L4 6625 SEA MICROEXT?  
L5 34 SEA L3 AND L4  
L6 904806 SEA MEMBRAN?  
L7 12 SEA L5 AND L6  
L8 1 SEA ?NITROARYLALKYLETHER?  
L9 1 SEA L7 AND L8  
SEL RN

FILE 'REGISTRY' ENTERED AT 11:59:47 ON 23 JUL 2008  
L10 29 SEA (112-66-3/BI OR 114205-81-1/BI OR 78-50-2/BI OR  
E C H N O/ELF  
L11 3 SEA "C H N O"/ELF AND L10

FILE 'LREGISTRY' ENTERED AT 12:01:35 ON 23 JUL 2008  
L12 STR

FILE 'REGISTRY' ENTERED AT 12:04:32 ON 23 JUL 2008  
L13 SCR 1707  
L14 50 SEA SSS SAM L12 AND L13  
L15 SCR 1840 OR 2043 OR 2016 OR 2021 OR 2026 OR 1929 OR 1918  
L16 50 SEA SSS SAM L12 AND L13 NOT L15  
L17 STR L12  
L18 STR L12  
L19 STR L12  
L20 50 SEA SSS SAM (L17 OR L18 OR L19) AND L13 NOT L15  
L21 23245 SEA SSS FUL (L17 OR L18 OR L19) AND L13 NOT L15  
SAV TEM L21 MUI592/A

FILE 'HCA' ENTERED AT 15:05:38 ON 23 JUL 2008  
L22 19958 SEA (SILICONE# OR POLYSILICONE#) (2A) OIL#  
L23 70858 SEA (FATTY OR ALIPH? OR LONGCHAIN? OR LONG? (2A) CHAIN?) (3A  
) ESTER#

L24 33446 SEA (VEG# OR VEGETABL?)(2A)OIL#  
L25 18805 SEA L21  
L26 0 SEA L22 AND L23 AND L24 AND L25  
L27 46 SEA L22 AND L23 AND L24  
L28 0 SEA L22 AND L23 AND L25  
L29 4 SEA L23 AND L24 AND L25

FILE 'REGISTRY' ENTERED AT 15:09:23 ON 23 JUL 2008

L30 50 SEA SSS SAM (L17 OR L18 OR L19) NOT L15  
L31 23325 SEA SSS FUL (L17 OR L18 OR L19) NOT L15  
SAV TEM L31 MUI592/A

FILE 'HCA' ENTERED AT 15:14:12 ON 23 JUL 2008

L32 18911 SEA L31  
L33 1 SEA L22 AND L23 AND L24 AND L32  
L34 QUE EXT# OR EXTN# OR EXTRACT?  
L35 25769 SEA (LIQ# OR LIQUID? OR FLUID?)(3A)MEMBRAN?  
L36 0 SEA L22 AND L24 AND L25  
L37 3 SEA L27 AND L34  
L38 1 SEA L27 AND L35

FILE 'LREGISTRY' ENTERED AT 15:19:22 ON 23 JUL 2008

L39 STR

FILE 'REGISTRY' ENTERED AT 15:21:57 ON 23 JUL 2008

L40 SCR 1312  
L41 STR L39  
DIS SIA  
L42 2 SEA SSS SAM L41 AND L40  
L43 SCR 1992 OR 2006 OR 2016 OR 2021 OR 2026 OR 1929 OR 1918  
L44 50 SEA SSS SAM L41 AND L40 NOT L43  
L45 5037 SEA SSS FUL L41 AND L40 NOT L43  
SAV L45 MUI592A/A

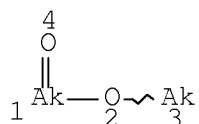
FILE 'HCA' ENTERED AT 15:25:52 ON 23 JUL 2008

L46 28074 SEA L45  
L47 1 SEA L22 AND (L23 OR L46) AND L24 AND L32  
L48 56 SEA L22 AND (L23 OR L46) AND L24  
L49 1 SEA L22 AND (L23 OR L46) AND L32  
L50 1 SEA L22 AND L24 AND L32  
L51 6 SEA (L23 OR L46) AND L24 AND L32  
L52 5 SEA L48 AND L34  
L53 1 SEA L48 AND L35  
L54 6089 SEA MICROEXT?  
L55 19210 SEA HOLLOW?(2A)(FIBER? OR FIBR? OR STRAND? OR FILAMENT?  
OR RIBBON? OR THREAD? OR WHISKER? OR FILIFORM?)  
L56 1 SEA L27 AND L54

L57            1 SEA L48 AND L54  
 L58            1 SEA L27 AND L55  
 L59            1 SEA L48 AND L55  
 L60           10 SEA L29 OR L33 OR L37 OR L38 OR L47 OR L49 OR L50 OR L51  
               OR L52 OR L53 OR L56 OR L57 OR L58 OR L59

FILE 'REGISTRY' ENTERED AT 15:42:55 ON 23 JUL 2008

=> D L45 QUE STAT  
 L40            SCR 1312  
 L41            STR



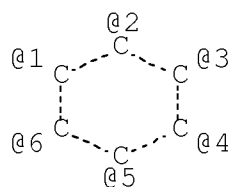
NODE ATTRIBUTES:  
 CONNECT IS E2 RC AT 1  
 CONNECT IS E1 RC AT 3  
 DEFAULT MLEVEL IS ATOM  
 GGCAT IS SAT AT 1  
 GGCAT IS SAT AT 3  
 DEFAULT ECLEVEL IS LIMITED  
 ECOUNT IS M6 C AT 1

GRAPH ATTRIBUTES:  
 RING(S) ARE ISOLATED OR EMBEDDED  
 NUMBER OF NODES IS 4

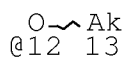
STEREO ATTRIBUTES: NONE  
 L43            SCR 1992 OR 2006 OR 2016 OR 2021 OR 2026 OR 1929 OR 1918 O  
 R 2043  
 L45            5037 SEA FILE=REGISTRY SSS FUL L41 AND L40 NOT L43

100.0% PROCESSED 137903 ITERATIONS                      5037 ANSWERS  
 SEARCH TIME: 00.00.01

=> D L31 QUE STAT  
 L15            SCR 1840 OR 2043 OR 2016 OR 2021 OR 2026 OR 1929 OR 1918  
 L17            STR



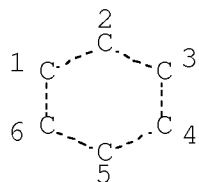
NO2 @9



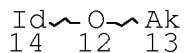
VPA 9-1/2/3/4/5/6 U  
 VPA 12-1/2/3/4/5/6 U  
 NODE ATTRIBUTES:  
 CONNECT IS E2 RC AT 12  
 CONNECT IS E1 RC AT 13  
 DEFAULT MLEVEL IS ATOM  
 GGCAT IS SAT AT 13  
 DEFAULT ECLEVEL IS LIMITED

GRAPH ATTRIBUTES:  
 RING(S) ARE ISOLATED OR EMBEDDED  
 NUMBER OF NODES IS 9

STEREO ATTRIBUTES: NONE  
 L18 STR



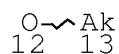
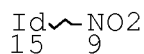
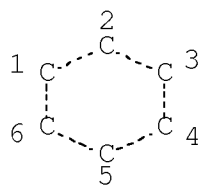
NO2 9



NODE ATTRIBUTES:  
 CONNECT IS E2 RC AT 12  
 CONNECT IS E1 RC AT 13  
 DEFAULT MLEVEL IS ATOM  
 GGCAT IS SAT AT 13  
 DEFAULT ECLEVEL IS LIMITED

GRAPH ATTRIBUTES:  
 RING(S) ARE ISOLATED OR EMBEDDED  
 NUMBER OF NODES IS 10

STEREO ATTRIBUTES: NONE  
 L19 STR



NODE ATTRIBUTES:

CONNECT IS E2 RC AT 12  
 CONNECT IS E1 RC AT 13  
 DEFAULT MLEVEL IS ATOM  
 GGCAT IS SAT AT 13  
 DEFAULT ECLEVEL IS LIMITED

GRAPH ATTRIBUTES:

RING(S) ARE ISOLATED OR EMBEDDED  
 NUMBER OF NODES IS 10

STEREO ATTRIBUTES: NONE

L31 23325 SEA FILE=REGISTRY SSS FUL (L17 OR L18 OR L19) NOT L15

100.0% PROCESSED 291698 ITERATIONS  
 SEARCH TIME: 00.00.05

23325 ANSWERS

=> FILE HCA

FILE 'HCA' ENTERED AT 15:43:56 ON 23 JUL 2008  
 USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.  
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=> D L60 1-10 BIB ABS HITSTR HITIND

L60 ANSWER 1 OF 10 HCA COPYRIGHT 2008 ACS on STN  
 AN 147:242650 HCA Full-text  
 TI High spreading ester emollient for body care concepts  
 AU Anon.  
 CS UK  
 SO Research Disclosure (2006), 510(Oct.), P1284-P1286 (No. 510016)  
 CODEN: RSDSBB; ISSN: 0374-4353

PB Kenneth Mason Publications Ltd.

DT Journal; Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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PI	RD 510016		20061010	RD 2006-510016	20061010

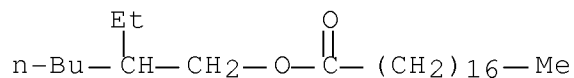
PRAI RD 2006-510016 20061010

AB Some formulation examples with short chain branched ester emollients based on C6-C12 alcs. and acids and having at least one branched chain obtaining a sensorially elegant body care concepts are presented.

IT 22047-49-0, Cetiol 868  
(Cetiol 868 was high-spreading ester emollient for body-care concept)

RN 22047-49-0 HCA

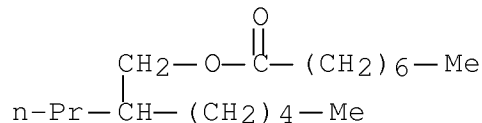
CN Octadecanoic acid, 2-ethylhexyl ester (CA INDEX NAME)



IT 868839-23-0, Cetiol SenSoft  
(Cetiol SenSoft was high-spreading ester emollient for body-care concept)

RN 868839-23-0 HCA

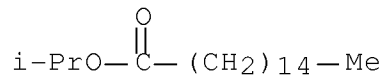
CN Octanoic acid, 4-methyl-2-pentylbutyl ester (CA INDEX NAME)



IT 142-91-6, Isopropyl Palmitate  
(Iso-Pr Palmitate was high-spreading ester emollient for body-care concept)

RN 142-91-6 HCA

CN Hexadecanoic acid, 1-methylethyl ester (CA INDEX NAME)



CC 62-4 (Essential Oils and Cosmetics)  
 IT Polysiloxanes, biological studies  
     (Wacker AK 350; silicone Oil Wacker AK 350  
     was high-spreading ester emollient for body-care concept)  
 IT Shorea stenoptera  
     (ext., Cegesoft SH; Cegesoft SH was high-spreading  
     ester emollient for body-care concept)  
 IT Fats and Glyceridic oils, biological studies  
     (vegetable; Cegesoft PS 6 was high-spreading ester  
     emollient for body-care concept)  
 IT 22047-49-0, Cetirol 868  
     (Cetirol 868 was high-spreading ester emollient for body-care  
     concept)  
 IT 868839-23-0, Cetirol SenSoft  
     (Cetirol SenSoft was high-spreading ester emollient for body-care  
     concept)  
 IT 142-91-6, Isopropyl Palmitate  
     (Iso-Pr Palmitate was high-spreading ester emollient for  
     body-care concept)

L60 ANSWER 2 OF 10 HCA COPYRIGHT 2008 ACS on STN  
 AN 147:119900 HCA Full-text  
 TI Nonaqueous anticlogging storage-stable ink composition for ink-jet  
 printing  
 IN Kanetani, Yoshiharu  
 PA Seiko Epson Corp., Japan  
 SO Jpn. Kokai Tokkyo Koho, 14pp.  
 CODEN: JKXXAF

DT Patent  
 LA Japanese

FAN.CNT 1

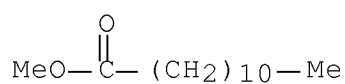
	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
	-----	----	-----	-----	
PI	JP 2007161892	A	20070628	JP 2005-360456	20051214
PRAI	JP 2005-360456		20051214		
OS	MARPAT 147:119900				

AB Title ink compn. comprises (A) pigments, (B) dispersants, (C) solvents, and (D) surfactants, wherein C contain vegetable oil-derived fatty acid esters (e.g., soybean fatty acid esters) and nonaq. polar solvents having viscosity at 20° of ≤20 mPa•s, and the D contain polysiloxanes.

IT 111-82-0, Methyl laurate 3681-78-5, Propyl laurate  
73947-30-5, 2-Ethylhexyl caprate  
(nonaq. anticlogging storage-stable ink compn. for ink-jet printing)

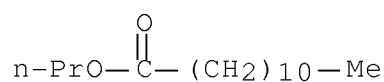
RN 111-82-0 HCA

CN Dodecanoic acid, methyl ester (CA INDEX NAME)



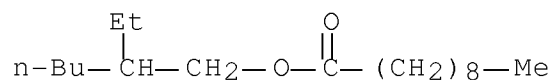
RN 3681-78-5 HCA

CN Dodecanoic acid, propyl ester (CA INDEX NAME)



RN 73947-30-5 HCA

CN Decanoic acid, 2-ethylhexyl ester (CA INDEX NAME)

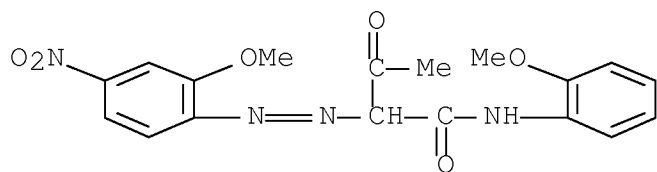


IT 6358-31-2, C.I. Pigment Yellow 74  
(nonaq. anticlogging storage-stable ink compn. for ink-jet printing)

RN 6358-31-2 HCA

CN Butanamide, 2-[2-(2-methoxy-4-nitrophenyl)diazenyl]-N-(2-methoxyphenyl)-3-oxo- (CA INDEX NAME)





CC 42-12 (Coatings, Inks, and Related Products)  
 ST soybean fatty acid ester nonaq polysiloxane ink  
 jet printing  
 IT Fatty acids, uses  
 (coco, esters; nonaq. anticlogging storage-stable ink  
 compn. for ink-jet printing)  
 IT Fatty acids, uses  
 (soya, esters; nonaq. anticlogging storage-stable ink  
 compn. for ink-jet printing)  
 IT 67-63-0, Isopropanol, uses 79-41-4D, Methacrylic acid, polymers  
 100-42-5D, Styrene, polymers 111-82-0, Methyl laurate  
 141-32-2D, Butyl acrylate, polymers 142-77-8, Butyl oleate  
 143-22-6, Triethylene glycol monobutyl ether 3681-78-5,  
 Propyl laurate 26399-02-0, 2-Ethylhexyl oleate 73947-30-5  
 , 2-Ethylhexyl caprate 98516-30-4, Propylene glycol monoethyl  
 ether acetate 199297-67-1, Solspers 28000 339302-70-4, Byk 023  
 942941-15-3, PEM 400  
 (nonaq. anticlogging storage-stable ink compn. for ink-jet  
 printing)  
 IT 147-14-8, C.I. Pigment Blue 15:4 6358-31-2, C.I. Pigment  
 Yellow 74 6410-33-9, C.I. Pigment Red 19  
 (nonaq. anticlogging storage-stable ink compn. for ink-jet  
 printing)

L60 ANSWER 3 OF 10 HCA COPYRIGHT 2008 ACS on STN

AN 147:119899 HCA Full-text

TI Ink-jet printing inks prepared in environmentally friendly  
 nonaqueous solvents

IN Kanetani, Yoshiharu

PA Seiko Epson Corp., Japan

SO Jpn. Kokai Tokkyo Koho, 12pp.

CODEN: JKXXAF

DT Patent

LA Japanese

FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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PI JP 2007161890 A 20070628 JP 2005-360443

200512  
14

PRAI JP 2005-360443 20051214

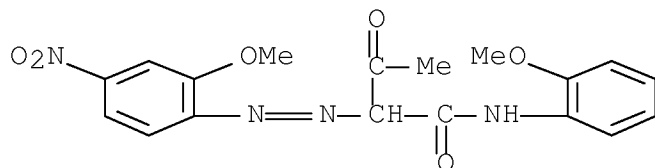
OS MARPAT 147:119899

AB The inks are prepd. from pigments, dispersants, solvents, etc., as usual where the solvents are selected from vegetable oil-derived fatty acid esters and nonaq. polar solvents having viscosity of <20 mPa·s at 20°.

IT 6358-31-2, C.I. Pigment Yellow 74  
(pigment; ink-jet printing inks prepd. in environmentally friendly nonaq. solvents contg. vegetable oil fatty acid esters)

RN 6358-31-2 HCA

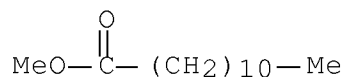
CN Butanamide, 2-[2-(2-methoxy-4-nitrophenyl)diazenyl]-N-(2-methoxyphenyl)-3-oxo- (CA INDEX NAME)



IT 111-82-0, Methyl laurate 3681-78-5, Propyl laurate  
63321-70-0, 2-Ethylhexyl caprylate  
(solvent; ink-jet printing inks prepd. in environmentally friendly nonaq. solvents contg. vegetable oil fatty acid esters)

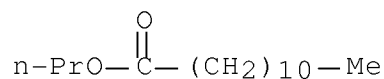
RN 111-82-0 HCA

CN Dodecanoic acid, methyl ester (CA INDEX NAME)

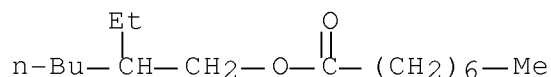


RN 3681-78-5 HCA

CN Dodecanoic acid, propyl ester (CA INDEX NAME)



RN 63321-70-0 HCA  
CN Octanoic acid, 2-ethylhexyl ester (CA INDEX NAME)



CC 42-12 (Coatings, Inks, and Related Products)  
ST nonaq polar solvent ink jet printing ink; vegetable fatty acid ester solvent jet printing ink  
IT Fatty acids, uses  
(coco, esters, solvents; ink-jet printing inks prepd. in environmentally friendly nonaq. solvents contg. vegetable oil fatty acid esters)  
IT Ink-jet printing  
Solvents  
(ink-jet printing inks prepd. in environmentally friendly nonaq. solvents contg. vegetable oil fatty acid esters)  
IT Carbon black, uses  
(pigment; ink-jet printing inks prepd. in environmentally friendly nonaq. solvents contg. vegetable oil fatty acid esters)  
IT Fatty acids, uses  
(rape-oil, esters, solvents; ink-jet printing inks prepd. in environmentally friendly nonaq. solvents contg. vegetable oil fatty acid esters)  
IT Fatty acids, uses  
(soya, esters, solvents; ink-jet printing inks prepd. in environmentally friendly nonaq. solvents contg. vegetable oil fatty acid esters)  
IT Fatty acids, uses  
(vegetable-oil, esters, solvents; ink-jet printing inks prepd. in environmentally friendly nonaq. solvents contg. vegetable oil fatty acid esters)  
IT 199297-67-1, Solsperser 28000 942941-15-3, PEM 400  
(dispersant; ink-jet printing inks prepd. in environmentally friendly nonaq. solvents contg. vegetable oil

fatty acid esters)

IT 147-14-8, C.I. Pigment Blue 15:4 1047-16-1, C.I. Pigment Violet 19  
 6358-31-2, C.I. Pigment Yellow 74  
 (pigment; ink-jet printing inks prepd. in environmentally  
 friendly nonaq. solvents contg. vegetable oil  
 fatty acid esters)

IT 67-63-0, Isopropanol, uses 104-76-7, 2-Ethylhexanol  
 111-82-0, Methyl laurate 142-77-8, Butyl oleate  
 143-22-6, Triethylene glycol monobutyl ether 3681-78-5,  
 Propyl laurate 26399-02-0, 2-Ethylhexyl oleate 63321-70-0  
 , 2-Ethylhexyl caprylate 98516-30-4, Propylene glycol monoethyl  
 ether acetate  
 (solvent; ink-jet printing inks prepd. in environmentally  
 friendly nonaq. solvents contg. vegetable oil  
 fatty acid esters)

L60 ANSWER 4 OF 10 HCA COPYRIGHT 2008 ACS on STN  
 AN 145:425700 HCA Full-text  
 TI Manufacture of dripping pills containing traditional Chinese  
 medicine extract for treating acute and chronic  
 laryngopharyngitis  
 IN Tong, Yuxin  
 PA Peop. Rep. China  
 SO Faming Zhuanli Shenqing Gongkai Shuomingshu, 10pp.  
 CODEN: CNXXEV  
 DT Patent  
 LA Chinese  
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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	-----				
PI	CN 1843402	A	20061011	CN 2006-10038223	200602 10
PRAI	CN 2006-10038223		20060210		

AB The title dripping pills are composed of traditional Chinese medicine  
 ext., excipient and condensing agent. The traditional Chinese  
 medicine includes (by wt. parts) Rabdosia rubescens 7, Platycodon  
 grandiflorum 4, Glycyrrhiza 2, menthol 0.24, Scrophularia ningpoensis  
 4, Ophiopogon japonicus 4, borneol 0.08, and Blumea balsamifera oil  
 0.04. The excipient is one or more of polyethylene glycol (1000-  
 20000), polysorbate, poloxamer, polyoxyethylene monostearate, sodium  
 stearate, glycerogelatin, stearic acid, glyceryl monostearate,  
 hydrogenated vegetable oil, insect wax, semi-synthesized fatty acid  
 ester,  $\beta$ -cyclodextrin and sodium dodecyl sulfate. The condensing  
 agent is paraffin oil, di-Me silicone oil, or vegetable oil. The wt.  
 ratio of the traditional Chinese medicine ext. to the excipient is

1:(1-10). The dripping pills have the advantages of obvious curative effects, small vol., convenient storage and administration, stable quality, and rapid absorption, and are esp. suitable for diabetes patients administration.

CC 63-4 (Pharmaceuticals)

IT Drug delivery systems

(dripping pills; manuf. of dripping pills contg. traditional Chinese medicine ext. for treating acute and chronic laryngopharyngitis)

IT Fatty acids, biological studies

(esters; manuf. of dripping pills contg. traditional Chinese medicine ext. for treating acute and chronic laryngopharyngitis)

IT Gelatins, biological studies

(glycogelatin; manuf. of dripping pills contg. traditional Chinese medicine ext. for treating acute and chronic laryngopharyngitis)

IT Beeswax

Blumea balsamifera

Glycyrrhiza

Human

Natural products, pharmaceutical

Ophiopogon japonicus

Platycodon grandiflorum

Rabdosia rubescens

Scrophularia ningpoensis

Solvent extraction

(manuf. of dripping pills contg. traditional Chinese medicine ext. for treating acute and chronic laryngopharyngitis)

IT Paraffin oils

Polysiloxanes, uses

(manuf. of dripping pills contg. traditional Chinese medicine ext. for treating acute and chronic laryngopharyngitis)

IT Polyoxyalkylenes, biological studies

(manuf. of dripping pills contg. traditional Chinese medicine ext. for treating acute and chronic laryngopharyngitis)

IT Inflammation

Pharynx, disease

(pharyngitis, laryngopharyngitis; manuf. of dripping pills contg. traditional Chinese medicine ext. for treating acute and chronic laryngopharyngitis)

IT Fats and Glyceridic oils, biological studies

(vegetable, hydrogenated; manuf. of dripping pills contg. traditional Chinese medicine ext. for treating acute and chronic laryngopharyngitis)

IT Fats and Glyceridic oils, uses

(vegetable; manuf. of dripping pills contg. traditional

Chinese medicine ext. for treating acute and chronic laryngopharyngitis)

IT 1405-86-3, Glycyrrhizic acid  
(manuf. of dripping pills contg. traditional Chinese medicine ext. for treating acute and chronic laryngopharyngitis)

IT 64-17-5, Ethanol, uses 9016-00-6, Poly[oxy(dimethylsilylene)] 31900-57-9  
(manuf. of dripping pills contg. traditional Chinese medicine ext. for treating acute and chronic laryngopharyngitis)

IT 89-78-1, Menthol 507-70-0, Borneol  
(manuf. of dripping pills contg. traditional Chinese medicine ext. for treating acute and chronic laryngopharyngitis)

IT 57-11-4, Stearic acid, biological studies 151-21-3, Sodium dodecyl sulfate, biological studies 822-16-2, Sodium stearate 7585-39-9,  $\beta$ -Cyclodextrin 9004-99-3, Polyoxyethylene monostearate 9005-65-6, Polysorbate-80 25322-68-3, Polyethylene glycol 31566-31-1, Glyceryl monostearate 106392-12-5, Poloxamer  
(manuf. of dripping pills contg. traditional Chinese medicine ext. for treating acute and chronic laryngopharyngitis)

L60 ANSWER 5 OF 10 HCA COPYRIGHT 2008 ACS on STN

AN 143:244617 HCA Full-text

TI Stable liquid membranes for liquid phase microextraction

IN Pedersen-Bjergaard, Stig; Rasmussen, Knut

PA Norway

SO U.S. Pat. Appl. Publ., 19 pp.

CODEN: USXXCO

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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PI	US 20050191759	A1	20050901	US 2004-788592	20040227

PRAI US 2004-788592 20040227

AB The invention provides devices and methods for performing liq. phase microextn. of at least one analyte from an aq. sample, wherein the device comprises a liq. membrane comprising a fatty acid ester, a vegetable oil, a silicone oil, a nitroarylalkylether, or mixts. thereof, and an optional carrier, supported on a porous polymeric substrate. In a preferred embodiment, the porous polymeric substrate is a hollow fiber. The devices and methods for prepg. them provide stable liq. membranes for performing liq. phase microextn., where the membranes can be stored for 30, 60 or 90 days prior to use. Org.

phases such as dodecyl acetate, nitrophenyl octyl ether, silicone oil AR 20, and tributyrin were prepd. as liq. membranes on polypropylene hollow fibers and stored for at least 90 days at room temp. without disruption of the liq. membranes.

IT 114205-81-1, Nitrophenyl octyl ether 114205-81-1D,  
Nitrophenyl octyl ether, mixts. with AR 20  
(liq. membranes contg.; stable liq.  
membranes for liq. phase microextn.)  
RN 114205-81-1 HCA  
CN Benzene, nitro(octyloxy)- (CA INDEX NAME)



D1-NO<sub>2</sub>

D1-O- (CH<sub>2</sub>)<sub>7</sub>-Me

RN 114205-81-1 HCA  
CN Benzene, nitro(octyloxy)- (CA INDEX NAME)



D1-NO<sub>2</sub>

D1-O- (CH<sub>2</sub>)<sub>7</sub>-Me

IC ICM B01L011-00  
ICS G01N001-18  
INCL 436177000; 422101000  
CC 9-1 (Biochemical Methods)  
ST stable liq membrane device microextn;  
dodecyl acetate stable liq membrane  
microextn; nitrophenyl octyl ether stable liq  
membrane microextn; silicone oil  
stable liq membrane microextn;  
tributyrin stable liq membrane microextn

IT Polysiloxanes, analysis  
 (AR 20, liq. membrane contg.; stable  
 liq. membranes for liq. phase  
 microextn.)

IT Alcohols, analysis  
 (C1-12, fatty acid esters, liq.  
 membrane contg.; stable liq. membranes  
 for liq. phase microextn.)

IT Fatty acids, analysis  
 (C12-30, esters, liq. membrane contg.; stable  
 liq. membranes for liq. phase  
 microextn.)

IT Essential oils  
 (Melaleuca, liq. membrane contg.; stable  
 liq. membranes for liq. phase  
 microextn.)

IT Animal tissue culture  
 (anal. of fluid of; stable liq.  
 membranes for liq. phase microextn.)

IT Digestive tract  
 (anal. of gastrointestinal fluids of; stable  
 liq. membranes for liq. phase  
 microextn.)

IT Animal tissue  
 Biological materials  
 Blood plasma  
 Cerebrospinal fluid  
 Drinking waters  
 Eubacteria  
 Fungi  
 Groundwaters  
 Lymph  
 Mucus  
 Rainwater  
 River waters  
 Seawater  
 Secretions (external)  
 Surface waters  
 Sweat  
 Tear (ocular fluid)  
 Wastes  
 Wastewater  
 (anal. of; stable liq. membranes for  
 liq. phase microextn.)

IT Anion exchangers  
 (as carrier for liq. membrane, Amberlite LA;  
 stable liq. membranes for liq.



phase microextn.)

IT Ionophores

Porogens  
 (as carrier for liq. membrane; stable  
 liq. membranes for liq. phase  
 microextn.)

IT Acrylic polymers, uses  
 Fluoropolymers, uses  
 Polyamides, uses  
 Polycarbonates, uses  
 Polyesters, uses  
 Polyolefins  
 Polyurethanes, uses  
 (as polymer support for liq. membrane; stable  
 liq. membranes for liq. phase  
 microextn.)

IT Sampling apparatus  
 (automated; stable liq. membranes for  
 liq. phase microextn.)

IT Polymers, uses  
 (co-, as polymer support for liq. membrane;  
 stable liq. membranes for liq.  
 phase microextn.)

IT Air  
 (comps. carried in, aq. samples of dissolved; stable liq.  
 . membranes for liq. phase microextn  
 .)

IT Waters  
 (condensed, anal. of; stable liq. membranes  
 for liq. phase microextn.)

IT Fatty acids, analysis  
 (esters, liq. membrane contg.;  
 stable liq. membranes for liq.  
 phase microextn.)

IT Carriers  
 (for liq. membrane; stable liq.  
 membranes for liq. phase microextn.)

IT Polysulfones, uses  
 (hollow fibers; stable liq.  
 membranes for liq. phase microextn.)

IT Fibers  
 (hollow, as support for liq. membrane  
 ; stable liq. membranes for liq.  
 phase microextn.)

IT Organic compounds, uses  
 (ions, as carrier for liq. membrane; stable  
 liq. membranes for liq. phase

microextn.)

IT Olive oil  
Soybean oil  
    (liq. membrane contg.; stable liq.  
    membranes for liq. phase microextn.)

IT Membranes, nonbiological  
Samples  
    (liq.; stable liq. membranes for  
    liq. phase microextn.)

IT Ethers, analysis  
    (nitroarylalkyl, liq. membrane contg.; stable  
    liq. membranes for liq. phase  
    microextn.)

IT Sonication  
    (or rinsing in removal of excess org. phase used in prepn. of  
    liq. membrane; stable liq.  
    membranes for liq. phase microextn.)

IT Polymers, uses  
    (porous, as support for liq. membrane; stable  
    liq. membranes for liq. phase  
    microextn.)

IT Dispersion (of materials)  
    (sample soln. prepd. from; stable liq.  
    membranes for liq. phase microextn.)

IT Air analysis  
Airborne particles  
Analytical apparatus  
Apparatus  
Blood analysis  
Capillary electrophoresis  
Environmental analysis  
Food analysis  
Lake waters  
Liquids  
Microextraction  
Plant analysis  
Soil analysis  
Urine analysis  
    (stable liq. membranes for liq.  
    phase microextn.)

IT Quaternary ammonium compounds, uses  
    (tri-C8-10-alkylmethyl, chlorides, as carrier for liq.  
    membrane; stable liq. membranes for  
    liq. phase microextn.)

IT Fats and Glyceridic oils, analysis  
    (vegetable, liq. membrane contg.;  
    stable liq. membranes for liq.

phase microextn.)

IT 7647-01-0, Hydrochloric acid, analysis  
(acceptor soln. contg.; stable liq. membranes  
for liq. phase microextn.)

IT 78-50-2, Trioctylphosphine oxide  
(as carrier for liq. membrane; stable  
liq. membranes for liq. phase  
microextn.)

IT 78-42-2 88-89-1, Trinitrophenol 298-07-7 1116-76-3,  
Tri-n-octylamine 15912-80-8, Tetraphenylarsonium 18198-39-5,  
Tetraphenylphosphonium 27176-87-0, Dodecylbenzene sulfonic acid  
105169-33-3  
(as carrier for liq. membrane; stable  
liq. membranes for liq. phase  
microextn.)

IT 9002-84-0, Polytetrafluoroethylene 9002-86-2, Polyvinyl chloride  
9002-88-4, Polyethylene 9003-07-0, Polypropylene 9003-53-6,  
Polystyrene 25014-41-9, Polyacrylonitrile 25037-78-9  
25038-71-5  
(as polymer support for liq. membrane; stable  
liq. membranes for liq. phase  
microextn.)

IT 52-86-8, Haloperidol 57-42-1, Pethidine 82-93-9, Chlorcyclizine  
300-62-9, Amphetamine 537-46-2, Methamphetamine  
(extn. of, from drug mixt.; stable liq.  
membranes for liq. phase microextn.)

IT 60-01-5, Tributyrin 78-50-2D, Trioctylphosphine oxide, mixts. with  
AR 20 112-66-3, Dodecyl acetate 112-66-3D, Dodecyl acetate,  
mixts. with AR 20 638-59-5, Myristyl acetate 114205-81-1  
, Nitrophenyl octyl ether 114205-81-1D, Nitrophenyl octyl  
ether, mixts. with AR 20  
(liq. membranes contg.; stable liq.  
membranes for liq. phase microextn.)

IT 111-87-5, n-Octanol, uses 112-58-3, Dihexyl ether  
(liq. membranes contg.; stable liq.  
membranes for liq. phase microextn.)

L60 ANSWER 6 OF 10 HCA COPYRIGHT 2008 ACS on STN

AN 142:254568 HCA Full-text

TI Methods and compositions for increasing the efficacy of  
biologically-active ingredients such as antitumor agents

IN Windsor, J. Brian; Roux, Stan J.; Lloyd, Alan M.; Thomas, Collin E.

PA Board of Regents, the University of Texas System, USA

SO PCT Int. Appl., 243 pp.

CODEN: PIXXD2

DT Patent

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FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
	-----	----	-----	-----	
PI	WO 2005014777	A2	20050217	WO 2003-US32667	20031016
	WO 2005014777	A3	20050915		
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
	RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
	CA 2502148	A1	20050217	CA 2003-2502148	20031016
	AU 2003304398	A1	20050225	AU 2003-304398	20031016
	EP 1576150	A2	20050921	EP 2003-816736	20031016
	EP 1576150	A3	20051102		
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK				
	US 20060276339	A1	20061207	US 2006-531744	20060123
PRAI	US 2002-418803P	P	20021016		
	WO 2003-US32667	W	20031016		

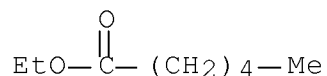
AB The invention provides methods and compns. for modulating the sensitivity of cells to cytotoxic compds. and other active agents. In accordance with the invention, compns. are provided comprising combinations of ectophosphatase inhibitors and active agents. Active agents include antibiotics, fungicides, herbicides, insecticides, chemotherapeutic agents, and plant growth regulators. By increasing the efficacy of active agents, the invention allows use of compns. with lowered concns. of active ingredients.

IT 123-66-0 55195-26-1 104078-12-8

(methods and compns. for increasing efficacy of biol. active ingredients such as antitumor agents)

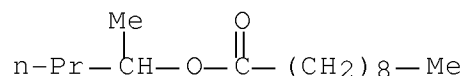
RN 123-66-0 HCA

CN Hexanoic acid, ethyl ester (CA INDEX NAME)



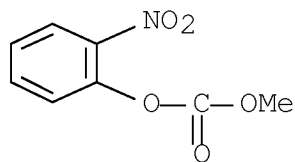
RN 55195-26-1 HCA

CN Decanoic acid, 1-methylbutyl ester (CA INDEX NAME)



RN 104078-12-8 HCA

CN Carbonic acid, 2(or 4)-isooctyl-4,6(or 2,6)-dinitrophenyl methyl ester (CA INDEX NAME)



D1-NO2

D1-(C8H17)

IC ICM C12N

CC 1-6 (Pharmacology)

IT Fatty acids, biological studies

(esters; methods and compns. for increasing efficacy of biol. active ingredients such as antitumor agents)

IT Fats and Glyceridic oils, biological studies

(vegetable, hydrogenated; methods and compns. for increasing efficacy of biol. active ingredients such as antitumor agents)

agents)

IT Fats and Glyceridic oils, biological studies  
(vegetable, methylated; methods and compns. for  
increasing efficacy of biol. active ingredients such as antitumor  
agents)

IT Fats and Glyceridic oils, biological studies  
(vegetable; methods and compns. for increasing efficacy  
of biol. active ingredients such as antitumor agents)

IT 100-00-5 100-41-4, biological studies 100-44-7, biological  
studies 100-51-6, Benzenemethanol, biological studies 100-56-1  
100-57-2 100-94-7D, acylamido alkyl derivs. 100-95-8 101-05-3  
101-20-2 101-21-3 101-42-8 101-81-5 101-84-8D,  
tetrapropylene derivs., sulfonated, sodium salts 102-07-8  
102-30-7 102-71-6D, copper hydroxide complexes 103-11-7  
103-27-5 104-28-9 104-54-1 104-55-2 104-60-9 104-76-7  
105-67-9 106-22-9 106-23-0 106-24-1 106-44-5, biological  
studies 106-46-7 106-48-9 106-88-7 106-93-4 106-96-7  
106-97-8, Butane, biological studies 106-99-0, 1,3-Butadiene,  
biological studies 107-04-0 107-06-2, biological studies  
107-18-6, 2-Propen-1-ol, biological studies 107-19-7,  
2-Propyn-1-ol 107-26-6 107-27-7 107-31-3 107-49-3 107-64-2  
108-05-4, Acetic acid ethenyl ester, biological studies 108-07-6  
108-11-2 108-24-7 108-31-6, 2,5-Furandione, biological studies  
108-39-4, biological studies 108-46-3, 1,3-Benzenediol, biological  
studies 108-80-5, 1,3,5-Triazine-2,4,6(1H,3H,5H)-trione 108-83-8  
108-88-3, biological studies 108-90-7, biological studies  
108-93-0, Cyclohexanol, biological studies 108-94-1,  
Cyclohexanone, biological studies 108-95-2, Phenol, biological  
studies 109-62-6 109-66-0, Pentane, biological studies  
109-69-3 109-76-2D, 1,3-Propanediamine, N-C12-18alkyl derivs.  
109-76-2D, 1,3-Propanediamine, N-C15-18alkyl derivs., diacetate  
109-76-2D, 1,3-Propanediamine, N-C6-18alkyl derivs., acetate  
109-76-2D, 1,3-Propanediamine, N-C6-18alkyl derivs., diacetate  
109-76-2D, 1,3-Propanediamine, N-alkyl derivs. 109-76-2D,  
1,3-Propanediamine, N-alkyl derivs. hydrochloride 109-76-2D,  
1,3-Propanediamine, N-alkyl derivs., propionate-copper complex  
109-76-2D, 1,3-Propanediamine, N-alkyl derivs., salts 109-76-2D,  
1,3-Propanediamine, N-coco-alkyl derivs., adipate 109-76-2D,  
1,3-Propanediamine, N-coco-alkyl derivs., hydroxyacetate  
109-76-2D, 1,3-Propanediamine, N-coco-alkyl derivs., monobenzoate  
109-79-5, 1-Butanethiol 109-94-4 109-99-9, biological studies  
110-12-3 110-17-8, 2-Butenedioic acid (2E)-, biological studies  
110-19-0 110-43-0, 2-Heptanone 110-54-3, Hexane, biological  
studies 110-66-7, 1-Pentanethiol 110-80-5 110-82-7,  
Cyclohexane, biological studies 110-88-3, 1,3,5-Trioxane,  
biological studies 111-01-3 111-20-6, Decanedioic acid,  
biological studies 111-27-3, 1-Hexanol, biological studies

111-70-6, 1-Heptanol 111-76-2 111-77-3 111-87-5, 1-Octanol,  
 biological studies 111-90-0 111-98-8 112-02-7 112-05-0,  
 Nonanoic acid 112-30-1, 1-Decanol 112-31-2, Decanal 112-34-5  
 112-44-7, Undecanal 112-53-8, 1-Dodecanol 112-54-9, Dodecanal  
 112-62-9 112-72-1, 1-Tetradecanol 112-92-5, 1-Octadecanol  
 113-98-4 114-26-1 115-07-1, 1-Propene, biological studies  
 115-10-6 115-28-6 115-29-7 115-31-1 115-32-2 115-90-2  
 115-93-5 116-01-8 116-02-9 116-06-3 116-16-5 116-25-6  
 116-52-9 117-52-2 117-81-7 117-84-0 118-34-3 118-52-5  
 118-56-9 118-74-1 119-12-0 119-38-0 120-23-0 120-32-1  
 120-39-8 120-47-8 120-72-9, 1H-Indole, biological studies  
 120-78-5 120-82-1 120-83-2 120-94-5 121-20-0 121-21-1  
 121-29-9 121-33-5 121-54-0 121-75-5 122-10-1 122-14-5  
 122-15-6 122-19-0 122-34-9 122-37-2 122-39-4, biological  
 studies 122-42-9 122-64-5 122-70-3 122-97-4, Benzenepropanol  
 123-17-1 123-33-1 123-35-3 ~~123-66-0~~ 123-86-4  
 123-88-6 123-91-1, 1,4-Dioxane, biological studies 123-92-2  
 124-03-8 124-07-2, Octanoic acid, biological studies 124-13-0,  
 Octanal 124-16-3 124-25-4, Tetradecanal 124-38-9, Carbon  
 dioxide, biological studies 124-48-1 124-58-3 124-65-2  
 125-67-7 125-84-8 126-06-7 126-07-8 126-22-7 126-73-8,  
 Phosphoric acid tributyl ester, biological studies 126-75-0  
 126-94-3 127-07-1 127-18-4, biological studies 127-41-3  
 127-82-2 128-03-0 128-04-1 128-37-0, biological studies  
 128-80-3 129-06-6 129-67-9 131-11-3 131-52-2 131-55-5  
 131-57-7 131-89-5 132-27-4 132-66-1 132-67-2 133-06-2  
 133-07-3 133-90-4 136-24-3 136-32-3 136-45-8 136-53-8  
 136-77-6 137-16-6 137-26-8 137-30-4 137-40-6 137-41-7  
 137-42-8 138-86-3 139-02-6 139-07-1 139-08-2 139-12-8  
 139-13-9 139-33-3 139-40-2 139-89-9 140-39-6 140-41-0  
 140-88-5 141-00-4 141-27-5 141-66-2 142-03-0 142-47-2  
 142-59-6 142-71-2 142-87-0 143-18-0 143-28-2 143-33-9,  
 Sodium cyanide (Na(CN)) 143-50-0 144-21-8 144-41-2 144-55-8,  
 Carbonic acid monosodium salt, biological studies

(methods and compns. for increasing efficacy of biol. active  
 ingredients such as antitumor agents)

IT 53466-98-1 53467-01-9 53494-70-5 53535-27-6 53535-32-3  
 53535-37-8 53537-62-5 53537-63-6 53637-60-8, Plurafac B 26  
 53663-71-1 53714-56-0 53780-34-0 53780-36-2 53819-72-0  
 53908-27-3 53910-25-1 53939-27-8 53939-28-9 53988-06-0  
 53988-93-5 54364-62-4 54453-03-1 54593-83-8 54774-45-7  
 54844-65-4 54864-61-8 55069-68-6 55072-57-6, Copper zinc  
 hydroxide sulfate 55179-31-2 ~~55195-26-1~~ 55219-65-3  
 55256-33-2 55283-68-6 55285-14-8 55335-06-3 55406-53-6  
 55634-91-8 55635-13-7 55684-94-1 55701-05-8 55802-63-6, Zinc  
 hydroxide sulfate 55807-46-0 55814-41-0 55861-78-4  
 55871-01-7 55871-02-8 55965-84-9 55965-87-2 56070-16-7

56073-07-5	56073-10-0	56141-00-5	56218-79-2	56219-04-6
56320-22-0,	Arsenic sulfide (AsS2)	56425-91-3	56507-37-0	
56573-85-4,	Tin-San	56578-18-8	56634-95-8	56681-55-1
56683-54-6	56717-11-4	56750-76-6	56797-40-1	56855-08-4D,
N-C12-14 alkyl,	chloride	57018-04-9	57052-04-7	57063-29-3
57130-91-3	57213-69-1	57249-19-1	57369-32-1	57373-19-0
57373-20-3	57375-63-0	57455-37-5,	C.I. Pigment Blue 29	
57646-30-7	57754-85-5	57837-19-1	57866-49-6	57966-95-7
57981-60-9	58001-44-8	58011-68-0	58175-59-0	58175-60-3
58594-45-9	58594-72-2	58594-74-4	58667-63-3	58810-48-3
58829-95-1	59010-86-5	59014-03-8	59026-08-3	59401-04-6
59644-67-6,	Sterox NJ	59669-26-0	59915-53-6	60018-97-5
60037-58-3	60074-25-1	60168-88-9	60207-31-0	60207-90-1
60207-93-4	60238-56-4	60569-74-6,	Daxad 23	60742-37-2
60816-37-7	60825-27-6	60840-85-9	60864-33-7	61019-78-1
61167-10-0	61228-92-0	61432-55-1	61566-21-0	61614-62-8
61676-87-7	61827-83-6	61827-84-7	62031-70-3,	Wingstay V
62046-37-1	62449-69-8	62476-59-9	62732-91-6	62850-32-2
62865-36-5	62924-70-3	63100-33-4,	Triton X 363	63284-71-9
63517-71-5	63517-72-6	63729-98-6	63744-60-5	63782-90-1
63798-77-6,	Panasol AN 2	63837-33-2	63935-38-6	63992-41-6
64249-01-0	64359-80-4	64359-81-5	64491-92-5	64628-44-0
64700-56-7	64726-91-6	64902-72-3	65128-96-3	65271-80-9
65277-42-1	65666-57-1,	Astrazon Yellow	65731-84-2	65733-18-8
65863-15-2,	Alkanol XC	65907-30-4	65934-95-4	65954-19-0
66063-05-6	66159-95-3	66215-27-8	66227-09-6	66230-04-4
66246-88-6	66267-77-4	66332-96-5	66348-55-8	66441-11-0
66441-23-4	66841-24-5	66841-25-6	66952-49-6	67053-55-8,
Toximul D	67129-08-2	67233-85-6	67306-00-7	67375-30-8
67446-07-5	67564-91-4	67674-67-3	67747-09-5	67923-62-0
67989-88-2	67992-60-3	68084-55-9	68085-85-8	68157-60-8
68214-43-7	68228-18-2	68228-19-3	68228-20-6	68240-09-5
68359-37-5	68505-69-1	68610-00-4	68694-11-1	68813-94-5
68814-04-0,	C.I. Pigment Yellow 115	68921-42-6	68957-70-0	
69126-94-9D,	derivs.	69254-40-6	69280-13-3,	Hostaphat MDAR-N 040
69309-47-3	69312-67-0	69335-91-7	69409-94-5	69462-12-0
69484-12-4	69484-13-5	69484-14-6	69516-34-3	69581-33-5
69632-93-5	69632-97-9	69632-98-0	69633-04-1	69653-69-6
69770-45-2	69806-34-4	69806-40-2	69806-50-4	69820-27-5
70024-53-2	70124-77-5	70193-21-4	70217-36-6	70393-85-0
70630-17-0	71283-80-2	71317-73-2	71526-07-3	71561-11-0
71626-11-4	71697-59-1	71751-41-2,	Avermectin B1	72146-51-1,
Morwet IP	72178-02-0			

(methods and compns. for increasing efficacy of biol. active ingredients such as antitumor agents)

IT	72269-48-8	72348-92-6	72459-58-6	72490-01-8	72598-35-7
	72850-64-7	72915-82-3	72963-72-5	73250-68-7	73394-27-1



73468-21-0, Atplus 300F	73519-50-3	73886-28-9	73989-17-0,
Avermectin 74051-80-2	74070-46-5	74222-97-2	74223-56-6
74223-64-6 74712-19-9	74738-17-3	74782-23-3	75497-92-6
75736-33-3 75747-77-2	76120-02-0	76397-81-4	76416-93-8,
Tenneco 500-100 76578-12-6	76578-14-8	76608-88-3	76674-21-0
76738-62-0 76930-44-4, Po-san A	77182-82-2	77207-01-3	
77227-69-1 77501-60-1	77501-63-4	77503-28-7	77503-29-8
77732-09-3 78110-38-0	78327-32-9	78357-48-9	78370-21-5
78403-23-3 78863-62-4	79241-46-6	79277-27-3	79277-67-1
79510-48-8 79538-32-2	79540-50-4	79622-59-6	79910-32-0
79983-71-4 80060-09-9	80625-77-0	81334-34-1	81335-37-7
81335-46-8 81335-47-9	81335-77-5	81412-43-3, Tridemorph	
81510-83-0 81591-81-3	82010-74-0	82010-75-1	82010-77-3
82010-79-5 82010-82-0	82010-83-1	82027-59-6	82097-50-5
82211-24-3 82558-50-7	82560-54-1	82633-79-2	82657-04-3
82692-44-2 82810-23-9D, alkyl ethers	83055-99-6	83121-18-0	
83130-01-2 83164-33-4	83318-76-7	83542-69-2	83542-80-7
83542-83-0 83601-83-6	83657-22-1	83657-24-3	83733-82-8
83869-01-6, TF 310 83982-06-3D, N-alkyl, sodium salt, complex with			
iodine 84082-88-2 84082-93-9	84332-86-5	84478-52-4	
84496-56-0 85411-41-2, T-Mulz AO 2	85509-19-9	85785-20-2	
86209-51-0 86479-06-3	86598-92-7	86763-47-5	86848-85-3
87130-20-9 87237-48-7	87310-56-3	87392-12-9	87547-04-4
87674-68-8 87757-18-4	87820-88-0	87917-06-4, Tensiofix B 7416	
87917-07-5, Tensiofix B 7453	88211-73-8	88349-88-6	88485-37-4
88671-89-0 88678-67-5	88859-94-3	89269-64-7	89415-87-2
89784-60-1 90035-08-8	90338-20-8	90982-32-4	91125-43-8
91315-15-0, Aldimorph 91465-08-6	92170-50-8	92302-40-4	
92529-51-6, Sure-Sol 180 93697-74-6	94050-52-9	94051-08-8	
94125-34-5 94189-31-8, Stepantan A	94361-06-5	94593-91-6	
95465-99-9 95480-33-4	95507-03-2	95977-29-0	96182-53-5
96491-05-3 96525-23-4	96949-21-2, Rhamsan gum	97780-06-8	
98389-04-9 98730-04-2	98886-44-3	99105-77-8	99129-21-2
99283-00-8 99283-01-9	99485-76-4	99607-70-2	99662-11-0
100646-51-3 100728-84-5	101007-06-1	101200-48-0	101205-02-1
101362-24-7 101463-69-8	101917-66-2	102767-64-6	102851-06-9
103055-07-8 103112-36-3	103737-35-5, T-Mulz VO	104030-54-8	
104040-78-0 104040-79-1	104078-12-8	104098-48-8	
105512-06-9 105864-15-1, Morwet EFW	106040-48-6	106700-29-2	
107534-96-3 108189-58-8	108731-70-0	110956-75-7	111353-84-5
111479-05-1 111578-32-6	111872-58-3	111988-49-9	111991-09-4
112226-61-6 112281-77-3	112410-23-8	112636-83-6	112839-32-4
112839-33-5 113036-88-7	113614-08-7	114311-32-9	114369-43-6
114370-14-8 114420-56-3	115136-53-3	116170-30-0	116255-48-2
116714-46-6 117428-22-5	117718-60-2	118134-30-8	118712-89-3
118963-42-1 119126-15-7	119168-77-3	119446-68-3	119515-38-7
119738-06-6 120116-88-3	120162-55-2	120710-23-8	120890-70-2

120923-37-7    122008-78-0    122008-85-9    122453-73-0    122548-33-8  
 122931-48-0    123249-43-4    123312-89-0    124495-18-7    125116-23-6  
 125401-75-4    125997-17-3    126535-15-7    126801-58-9    127795-79-3  
 (methods and compns. for increasing efficacy of biol. active  
 ingredients such as antitumor agents)

L60 ANSWER 7 OF 10 HCA COPYRIGHT 2008 ACS on STN

AN 139:73737 HCA Full-text

TI Temperature-changing lubricants which impart cool feel or warm feel  
 to fibers or cosmetics

IN Saijo, Takashi

PA Shoko Kagaku Kenkyusho K. K., Japan

SO Jpn. Kokai Tokkyo Koho, 9 pp.

CODEN: JKXXAF

DT Patent

LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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PI	JP 2003183115	A	20030703	JP 2001-402832	200112 17

PRAI JP 2001-402832                      20011217

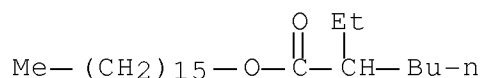
AB The lubricants contain water-insol. substances and dispersing agents  
 and/or coating agents included in inorg. supports. Nylon socks were  
 immersed in an aq. soln. contg. 3 wt.% Yodosol RA-8 (water-sol.  
 urethane compn.) and 3 wt.% of a compn. contg. retinoid 10,  
 polyoxyethylene lauryl ether 100, dimethylsilicone oil 1, and  
 silylated SiO<sub>2</sub> (BET sp. surface area 35-300 m<sup>2</sup>/g, av. primary  
 particle size 5-20 nm) 10 parts and dried. The socks showed a cool  
 feel, soft hand, and skin-lubricating effect.

IT 59130-69-7, Cetyl 2-ethylhexanoate 59130-70-0,  
 Stearyl 2-ethylhexanoate

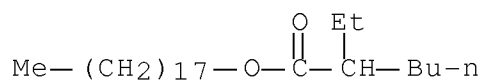
(lubricants contg. water-insol. substances and dispersants and/or  
 coatings in inorg. supports for imparting cool feel or warm feel  
 to fibers or cosmetics)

RN 59130-69-7 HCA

CN Hexanoic acid, 2-ethyl-, hexadecyl ester (CA INDEX NAME)



RN 59130-70-0 HCA  
CN Hexanoic acid, 2-ethyl-, octadecyl ester (CA INDEX NAME)



IC ICM A61K007-00  
ICS A61K007-48; D01F006-92; D06M013-144; D06M013-152  
CC 62-4 (Essential Oils and Cosmetics)  
Section cross-reference(s): 40  
ST fiber cosmetic lubricant water insol dispersant; coating water insol  
lubricant cosmetic fiber; cool feel lubricant retinoid  
polyoxyethylene ether cosmetic; warm feel lubricant silicone  
oil retinoid cosmetic  
IT Coix lacryma-jobi  
Rosmarinus officinalis  
(oil-sol. exts.; lubricants contg. water-insol.  
substances and dispersants and/or coatings in inorg. supports for  
imparting cool feel or warm feel to fibers or cosmetics)  
IT Fats and Glyceridic oils, biological studies  
(vegetable; lubricants contg. water-insol. substances  
and dispersants and/or coatings in inorg. supports for imparting  
cool feel or warm feel to fibers or cosmetics)  
IT 50-14-6, Ergocalciferol 57-87-4, Ergosterol 67-97-0,  
Cholecalciferol 84-80-0, Phylloquinone 100-51-6,  
 $\alpha$ -Hydroxytoluene, biological studies 105-13-5, Anise alcohol  
122-99-6,  $\beta$ -Phenoxyethanol 128-49-4, Calcium dioctyl  
sulfosuccinate 149-57-5D, 2-Ethylhexanoic acid, C12-18 alkyl  
esters 434-16-2, Dehydrocholesterol 577-11-7, Sodium dioctyl  
sulfosuccinate 1182-68-9, Menaquinone 6829-55-6, Tocotrienol  
9002-92-0, Polyethylene glycol lauryl ether 9004-96-0,  
Polyethylene glycol oleate 9004-98-2, Polyethylene glycol oleyl  
ether 9016-00-6, Dimethylsiloxane 24938-91-8, Polyethylene  
glycol tridecyl ether 25322-68-3D, Polyethylene glycol, aryl  
ethers 26468-86-0, Polyethylene glycol 2-ethylhexyl ether  
59130-69-7, Cetyl 2-ethylhexanoate 59130-70-0,  
Stearyl 2-ethylhexanoate 69247-83-2, Isostearyl 2-ethylhexanoate  
133186-19-3, Sodium mono-octyl sulfosuccinate 183476-82-6,  
L-Ascorbic acid tetrakis(2-hexyldecanoate)  
(lubricants contg. water-insol. substances and dispersants and/or  
coatings in inorg. supports for imparting cool feel or warm feel  
to fibers or cosmetics)

L60 ANSWER 8 OF 10 HCA COPYRIGHT 2008 ACS on STN

AN 115:190881 HCA Full-text

OREF 115:32481a,32484a

TI Solubilities of solids and liquids of low volatility in  
supercritical carbon dioxide

AU Bartle, K. D.; Clifford, A. A.; Jafar, S. A.; Shilstone, G. F.

CS Sch. Chem., Univ. Leeds, Leeds, LS2 9JT, UK

SO Journal of Physical and Chemical Reference Data (1991), 20(4),  
713-56

CODEN: JPCRBV; ISSN: 0047-2689

DT Journal

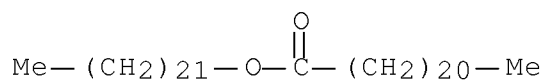
LA English

AB A table is given of the compds. of low volatility, the exptl.  
solubilities of which in crit. CO<sub>2</sub> have been published to the end of  
1989, with the temp. and pressure ranges of the exptl. measurements,  
the exptl. method, and refs. to the source of data. The data for  
pure compds., which were presented in tabular form in the original  
publications, are shown in a series of figures along with correlation  
lines for each isotherm. The method of correlation was to fit the  
exptl. data for each isotherm, in the form of the natural logarithm  
of the product of mole fraction and pressure, to a linear function of  
d. above a pressure of 100 bars. The consts. obtained from the  
fitting procedures are given in a table. Procedures for estg., from  
these consts., the solubilities of the compds. at temps. and  
pressures different from those of the exptl. data are suggested.

IT 17671-27-1, Behenyl behenate 42233-11-4, Palmityl  
behenate 54605-15-1, Methyl nitrobenzoate  
(soly. of, in supercrit. carbon dioxide)

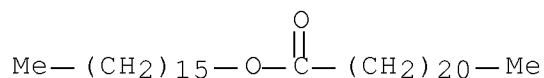
RN 17671-27-1 HCA

CN Docosanoic acid, docosyl ester (CA INDEX NAME)



RN 42233-11-4 HCA

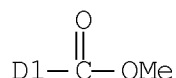
CN Docosanoic acid, hexadecyl ester (CA INDEX NAME)



RN 54605-15-1 HCA  
CN Benzoic acid, nitro-, methyl ester (CA INDEX NAME)



D1-NO<sub>2</sub>



CC 68-1 (Phase Equilibriums, Chemical Equilibriums, and Solutions)  
IT Oils, glyceridic  
(vegetable, soly. of, in supercrit. carbon dioxide)  
IT 50-28-2, Estradiol, properties 57-10-3, Hexadecanoic acid, properties 57-11-4, Octadecanoic acid, properties 57-27-2, properties 57-63-6, Ethinylestradiol 57-87-4, Ergosterol 57-88-5, Cholesterol, properties 58-08-2, properties 58-74-2, Papaverine 59-02-9,  $\alpha$ -Tocopherol 59-48-3, Oxindole 60-01-5, Tributyrin 65-85-0, Benzoic acid, properties 67-72-1, Hexachloroethane 69-72-7, o-Hydroxybenzoic acid, properties 72-43-5 76-57-3, Codeine 78-50-2, Trioctylphosphine oxide 83-34-1, Skatole 83-46-5 85-01-8, Phenanthrene, properties 85-44-9, 1,3-Isobenzofurandione 86-73-7, Fluorene 86-74-8, Carbazole 87-85-4 90-12-0, 1-Methylnaphthalene 90-15-3,  $\alpha$ -Naphthol 91-20-3, Naphthalene, properties 92-52-4, Diphenyl, properties 92-52-4D, 1,1'-Biphenyl, chloro derivs. 94-75-7, 2,4-Dichlorophenoxy acetic acid, properties 95-76-1, 3,4-Dichloroaniline 97-53-0, Eugenol 99-06-9, m-Hydroxybenzoic acid, properties 99-96-7, p-Hydroxybenzoic acid, properties 102-86-3, Trihexylamine 106-48-9, p-Chlorophenol 108-46-3, 1,3-Benzenediol, properties 108-95-2, Phenol, properties 111-01-3, Squalane 112-47-0, 1,10-Decanediol 112-80-1, 9-Octadecenoic acid (Z)-, properties 112-85-6, Behenic acid 112-92-5, 1-Octadecanol 112-95-8, Eicosane 115-10-6, Methyl ether 115-37-7, Thebaine 115-86-6, Triphenylphosphate 118-92-3, 2-Aminobenzoic acid 120-12-7, Anthracene, properties 120-80-9, o-Dihydroxybenzene, properties 120-83-2, 2,4-Dichlorophenol 122-32-7, Glycerol trioleate 122-39-4, Diphenylamine, properties 123-31-9, p-Dihydroxybenzene, properties

124-18-5, Decane 126-17-0 128-62-1, Noscapine 129-00-0,  
 Pyrene, properties 130-15-4, 1,4-Naphthalenedione 132-65-0,  
 Dibenzothiophene 135-19-3, 2-Naphthalenol, properties 138-86-3,  
 Limonene 143-07-7, Dodecanoic acid, properties 153-78-6,  
 2-Aminofluorene 192-97-2, Benzo[e]pyrene 260-94-6, Acridine  
 281-23-2, Adamantane 315-22-0 330-55-2 469-83-0, Cafestol  
 487-89-8, Indole-3-aldehyde 505-52-2, Brassylic acid 519-73-3,  
 Triphenylmethane 537-40-6, Trilinolein 538-24-9, Trilaurin  
 544-63-8, Tetradecanoic acid, properties 544-85-4, n-Dotriacontane  
 546-80-5, Thujone 555-43-1, Tristearin 555-44-2, Tripalmitin  
 555-45-3 581-40-8, 2,3-Dimethylnaphthalene 581-42-0,  
 2,6-Dimethylnaphthalene 603-34-9, Triphenylamine 603-35-0,  
 Triphenylphosphine, properties 629-66-3, 2-Nonadecanone  
 629-82-3, Dioctyl ether 629-92-5, Nonadecane 629-97-0, Docosane  
 630-02-4, Octacosane 646-31-1, Tetracosane 771-50-6,  
 Indole-3-carboxylic acid 1006-94-6, 5-Methoxyindole 1116-76-3,  
 Trioctylamine 1953-54-4, 5-Hydroxyindole 2150-58-5, Phenol blue  
 2270-40-8 2469-45-6 2885-00-9, Octadecylmercaptan 3007-31-6,  
 Di-n-dodecylamine 4731-53-7, Trioctylphosphine 5192-03-0,  
 5-Aminoindole 7550-45-0, Titanium tetrachloride, properties  
 13176-24-4, Didodecylphosphine 15972-60-8 17671-27-1,  
 Behenyl behenate 21259-20-1 24399-20-0, Artabsin 25322-68-3  
 25496-72-4, Mono-olein 28623-46-3, Nonadecanenitrile 36653-82-4,  
 1-Hexadecanol 40843-25-2, 2-(4-(2,4-Dichlorophenoxy)phenoxy)  
 propanoic acid 42233-11-4, Palmityl behenate 51481-10-8  
 54605-15-1, Methyl nitrobenzoate 136777-40-7  
 (soly. of, in supercrit. carbon dioxide)

L60 ANSWER 9 OF 10 HCA COPYRIGHT 2008 ACS on STN

AN 101:235391 HCA Full-text

OREF 101:35701a,35704a

TI Skin moisturizers containing phosphoric acid esters, urea and  
dimethyl sulfoxide

IN Schmitt, Sonnhild

PA VEB Aerosol-Automat, Ger. Dem. Rep.

SO Ger. (East), 6 pp.

CODEN: GEXXA8

DT Patent

LA German

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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	-----				
PI	DD 210608	A1	19840620	DD 1982-243813	198210 06
PRAI	DD 1982-243813		19821006		

AB Moisturizers contg. urea [57-13-6] are stabilized by addn. of 0.1-40% by wt. of  $R_1(OCH_2CH_2)_xOP(O)(OH)_2$  and/or  $[R_1(OCH_2CHR_2)_xO]_2P(O)OH$ , in which  $R_1$  is C7-12 alkyl or alkenyl or alkylphenyl,  $R_2$  is H or lower alkyl, and  $x$  is 0-20. The moisturizing effectiveness of urea is increased by the addn. of  $\leq 50\%$  by wt. of DMSO [67-68-5]. The phosphate surfactants also increase the spreadability of prepns. on the skin. A moisturizer contained Lanette wax 3, 70% sorbitol 4, coco fatty esters 5, nonionic emulsifier 2.5, silicone oil 0.9, vegetable oil 2.5, plant and animal exts. 4.5, perfume 1.8, urea 2, DMSO 0.3, phosphoric acid ester 0.25, and H<sub>2</sub>O to 100% by wt.

IC A61K007-48

CC 62-4 (Essential Oils and Cosmetics)

L60 ANSWER 10 OF 10 HCA COPYRIGHT 2008 ACS on STN

AN 96:168746 HCA Full-text

OREF 96:27701a,27704a

TI Edible and pharmaceutical compositions

IN Berling, Kenneth Gordon; Crosby, Thomas George

PA Procter and Gamble Co., USA

SO Eur. Pat. Appl., 13 pp.

CODEN: EPXXDW

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
	-----	----	-----	-----	
PI	EP 43616	A2	19820113	EP 1981-200698	19810622
	EP 43616	A3	19821013		
	EP 43616	B1	19850911		
	R: AT, BE, CH, DE, FR, GB, IT, LU, NL, SE				
	US 4382924	A	19830510	US 1980-162961	19800625
	AT 15443	T	19850915	AT 1981-200698	19810622
	CA 1153957	A1	19830920	CA 1981-380489	19810624
	JP 57077626	A	19820515	JP 1981-99042	19810625
	JP 04009768	B	19920221		
PRAI	US 1980-162961	A	19800625		

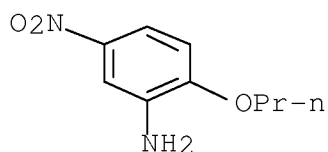
EP 1981-200698            A            19810622

AB Pleasant-tasting, nongreasy edible compns. in liq. form consist of edible oil or oil-like material (25-99.9%) such as polyol fatty acid esters contg. at least 4 fatty acid ester groups (each fatty acid has C8-22 atoms), a high potency lipid sol. sweetener (0.001-5%) such as saccharin [81-07-2] and a flavorant (0.1-5%). These compns. are useful as carriers for oral pharmaceuticals. Thus, a peppermint flavored compn. was prepd. contg. vegetable oil 11,000, flavor 55, and saccharin 5.5 g. The resulting compn. was pleasant tasting and did not have an oily taste or mouth feel.

IT 553-79-7  
(edible compns. contg. vegetable oils and, as pharmaceutical carriers)

RN 553-79-7 HCA

CN Benzenamine, 5-nitro-2-propoxy- (CA INDEX NAME)



IC A61K009-00

CC 63-6 (Pharmaceuticals)

Section cross-reference(s): 17

ST sweetener vegetable oil edible compn;  
fatty acid ester sweetener pharmaceutical

IT Pharmaceuticals  
(carriers for, edible compns. contg. vegetable oils and sweeteners as)

IT Sweetening agents  
(edible compns. contg. vegetable oils and, as pharmaceutical carriers)

IT Oils  
(vegetable, edible compns. contg. sweeteners and, as pharmaceutical carriers)

IT Fatty acids, esters  
(C8-22, esters with polyols, edible compns. contg. sweeteners and, as pharmaceutical carriers)

IT 81-07-2 150-69-6 553-79-7 1083-30-3D, derivs.  
30950-27-7 33665-90-6  
(edible compns. contg. vegetable oils and, as pharmaceutical carriers)